

FIG. 1

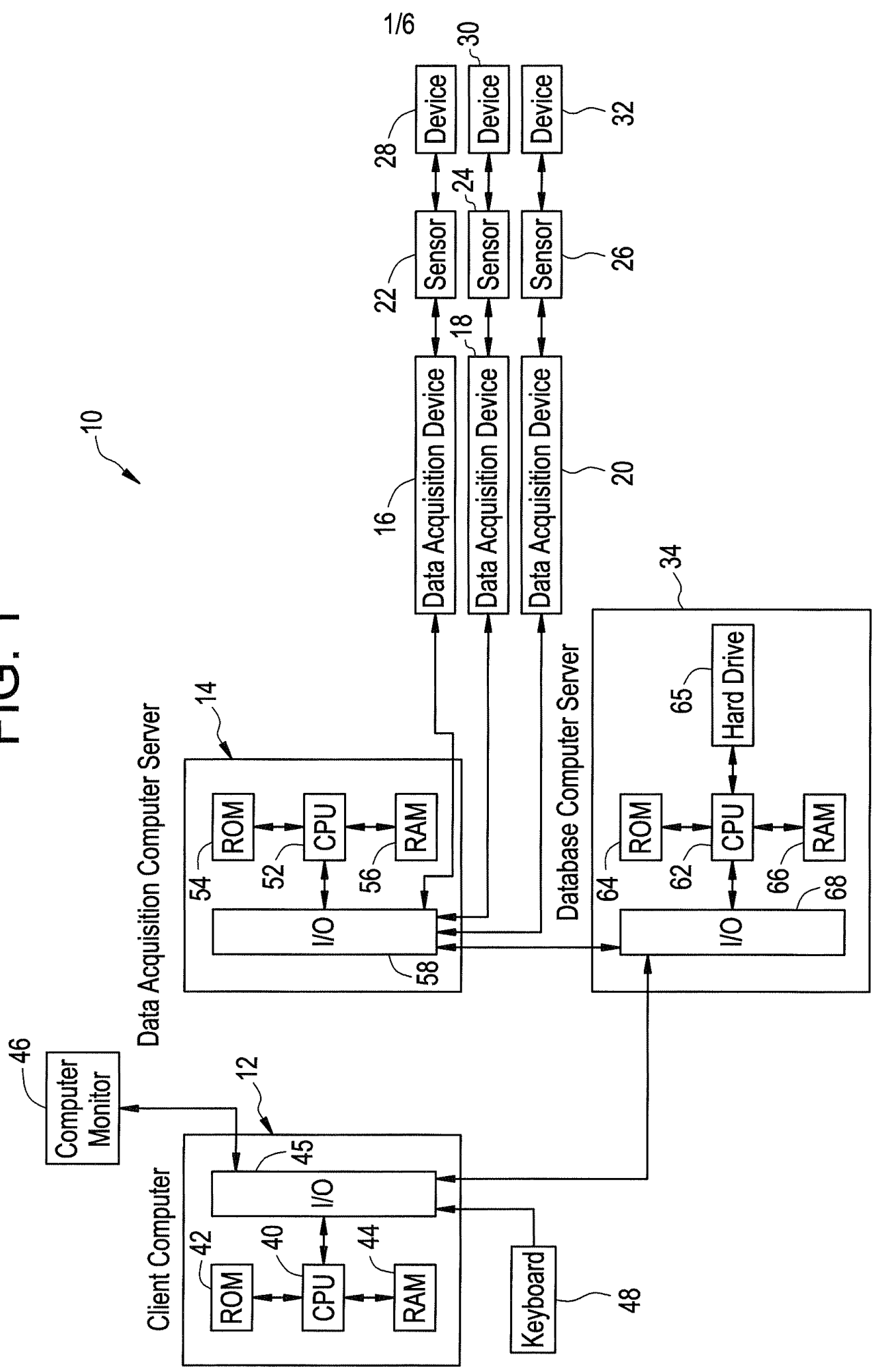


FIG. 2

Data Set in Hard Drive

Segment ID	Sample date and time	Sample value
1	1/4/03 2:00 P.M.	10, 10, 10
2	1/4/03 2:01 P.M.	20, 20, 19
3	1/4/03 2:02 P.M.	15, 15, 15

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FIG. 3

Data Set in Ram

Segment ID	Sample date and time	Sample values
1	1/4/03 2:03 P.M.	9, 9, 9
2	1/4/03 2:04 P.M.	19, 18, 18
3	1/4/03 2:04 P.M.	13, 14, 15

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FIG. 4

Segment IDs	Start date and time	End date and time
1, 2, 3	1/4/03 1:45 P.M.	1/4/03 2:30 P.M.

First data request message

FIG. 5

Segment IDs	Start date and time	End date and time
1, 2, 3	1/4/03 1:45 P.M.	1/4/03 2:30 P.M.

Second data request message

FIG. 6

Segment ID	Sample date and time	Sample values
1	1/4/03 2:03 P.M.	9, 9, 9
2	1/4/03 2:04 P.M.	19, 18, 18
3	1/4/03 2:04 P.M.	13, 14, 15

First data return message

FIG. 7

Segment ID	Sample date and time	Sample values	Sample date and time	Sample values
1	1/4/03 2:00 P.M.	10, 10, 10	1/4/03 2:03 P.M.	9, 9, 9
2	1/4/03 2:01 P.M.	20, 20, 19	1/4/03 2:04 P.M.	19, 18, 18
3	1/4/03 2:02 P.M.	15, 15, 15	1/4/03 2:04 P.M.	13, 14, 15

Second data return message

FIG. 8

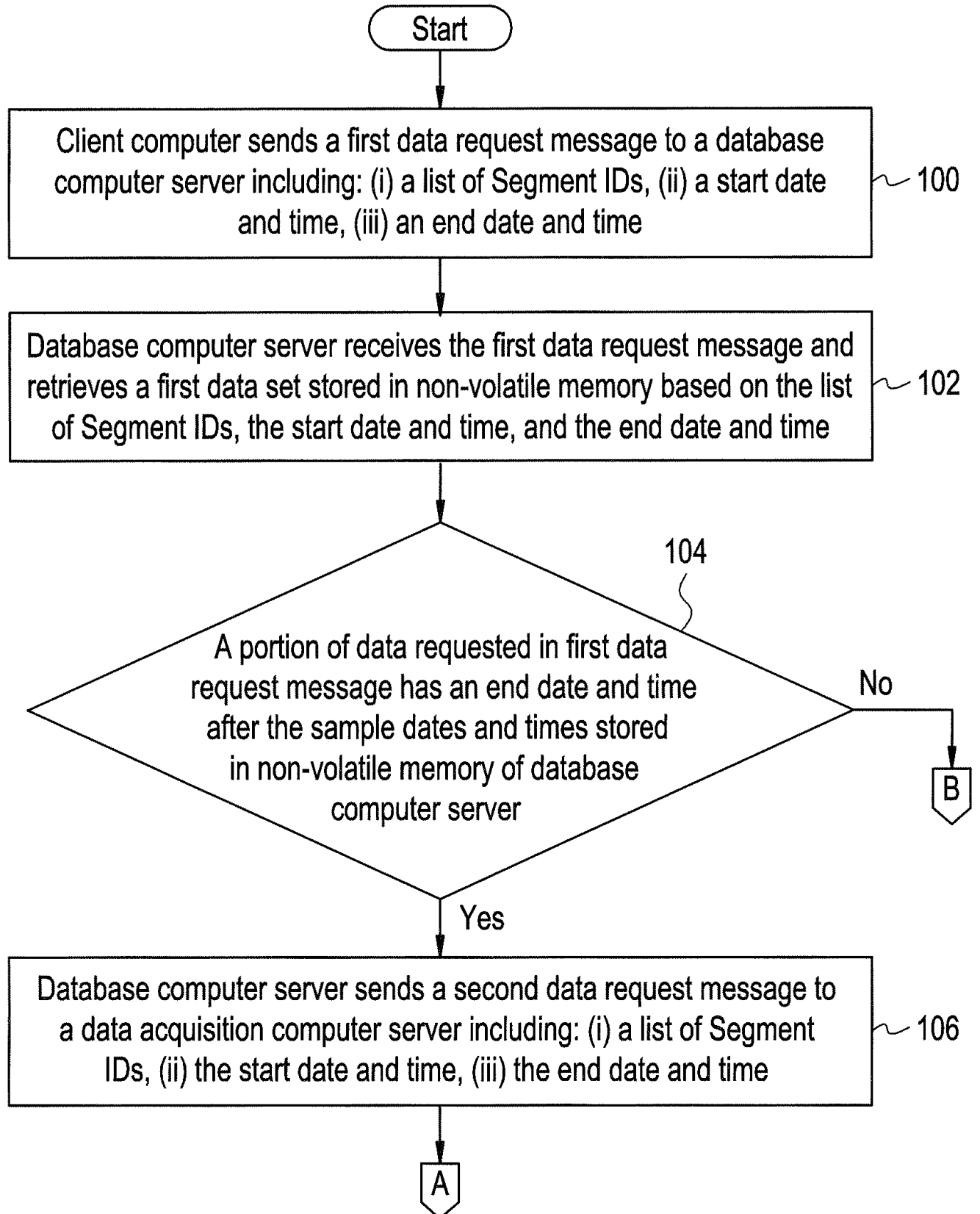


FIG. 9

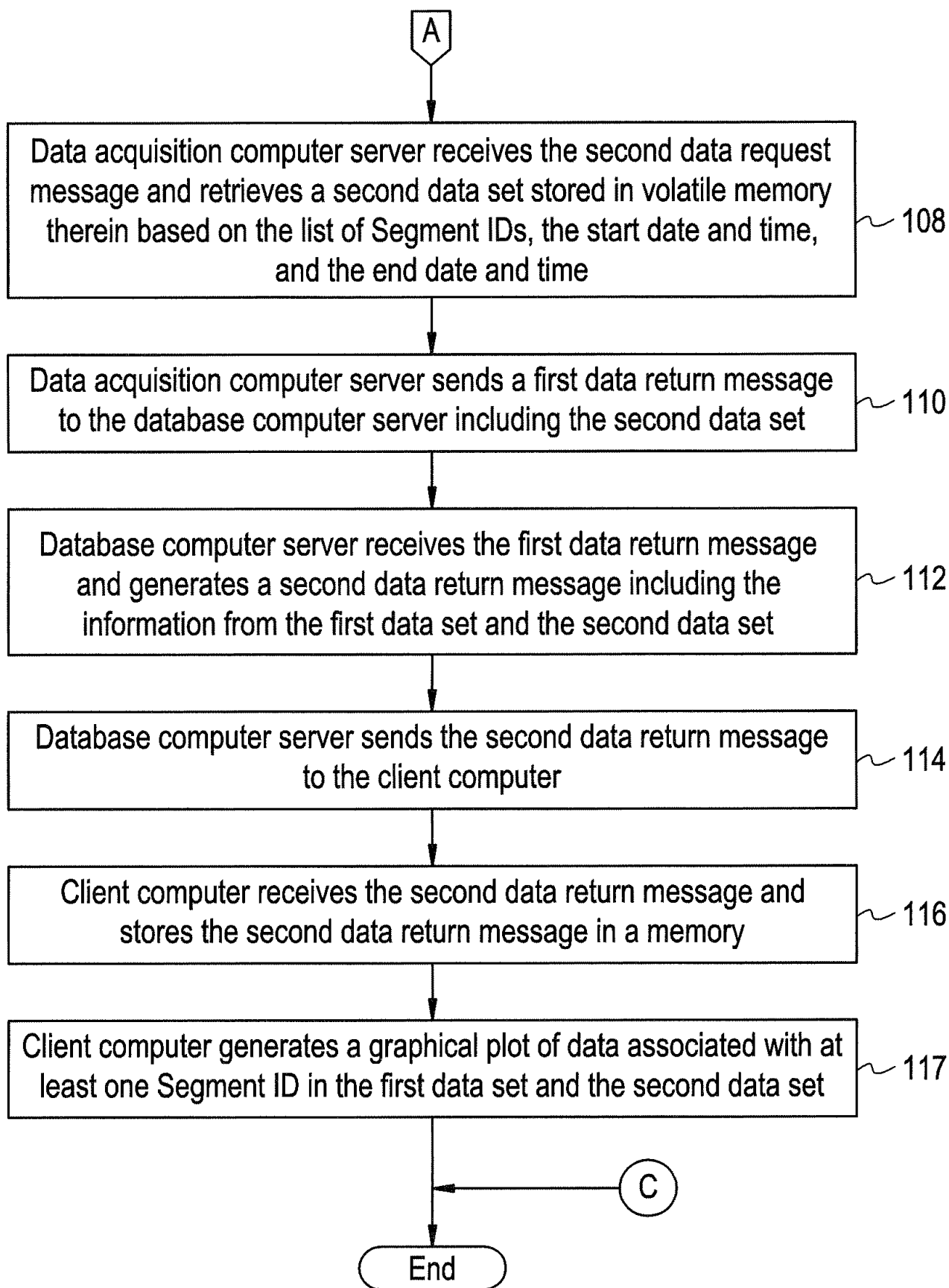
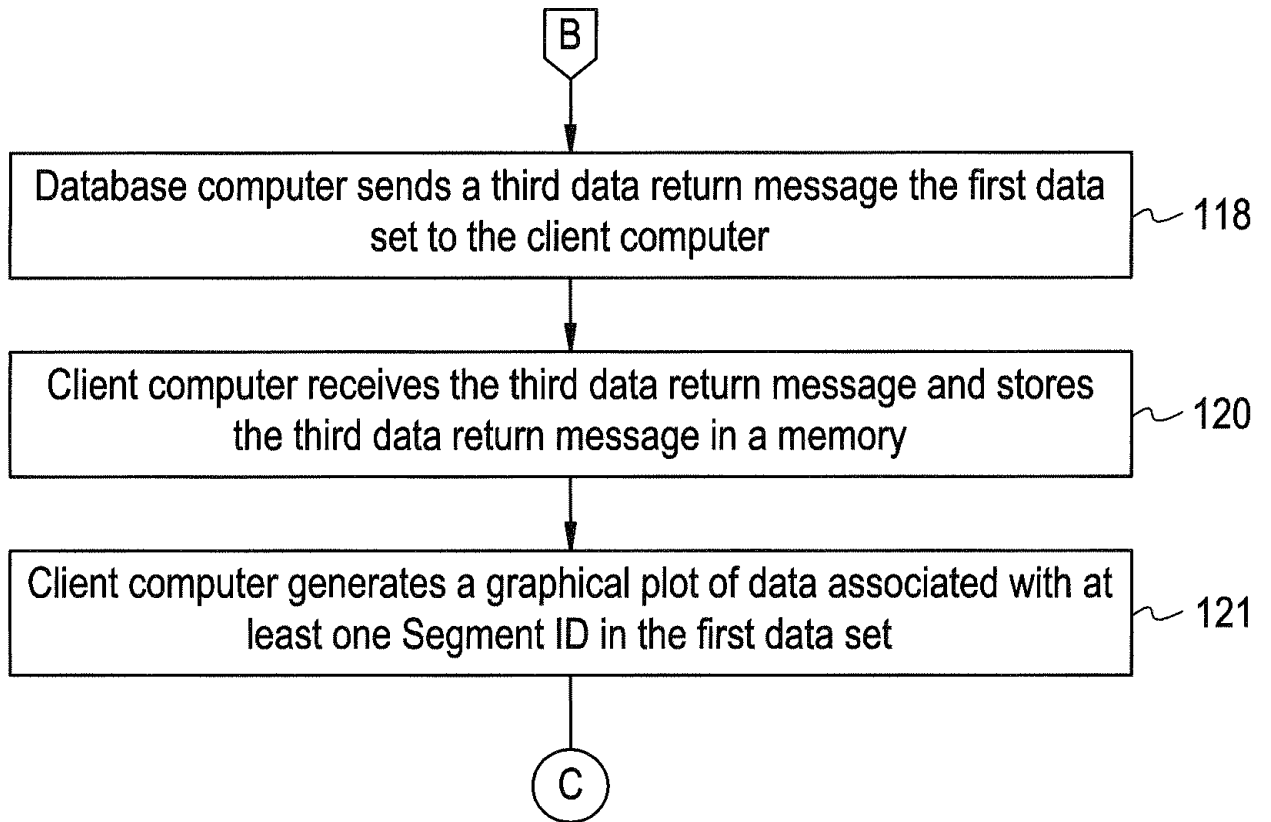


FIG. 10**FIG. 11**

Segment ID: 1

